

WHAT IS CLAIMED IS:

Sub A6> 1. An electrofusion joint made of a thermoplastic resin comprising a saddle portion, including but not limited to a saddle joint or service tee joint comprising a saddle portion provided with heating wires embedded in its seating surface to be joined to an outer circumferential surface of a resin pipe; a spigot projecting from said saddle portion or projecting in a lateral direction from a trunk portion projecting from said saddle portion and to which a branch pipe is to be connected; and collar portions formed on both sides of said saddle portion so that a latch of a clamping device can be engaged; wherein a recess is formed at least in a part on said collar portion side, along the base of said spigot or said trunk portion projecting from said saddle portion.

2. An electrofusion joint made of a thermoplastic resin comprising a saddle portion, including but not limited to a saddle joint or service tee joint comprising a saddle portion provided with heating wires embedded in its seating surface to be joined to an outer circumferential surface of a resin pipe; a spigot

projecting from said saddle portion or projecting in a lateral direction from a trunk portion projecting from said saddle portion and to which a branch pipe is to be connected; and collar portions formed on both sides of said saddle portion so that a latch of a clamping device can be engaged; wherein said saddle portion has a wall thickness in a range of 6 to 9mm.

Sub 3. The electrofusion joint as set forth in Claim 2, wherein a recess is formed at least in a part on said collar portion side, along the base of said spigot or said trunk portion.

And 4.